

FIG. 1

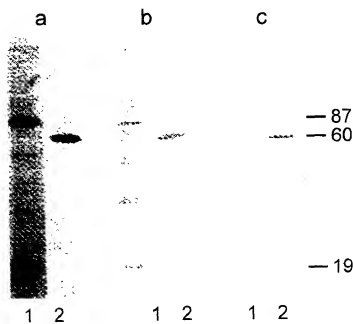


FIG. 2

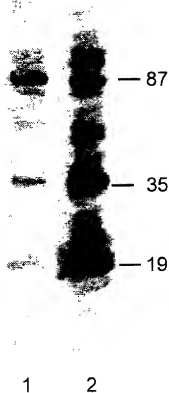


FIG. 3

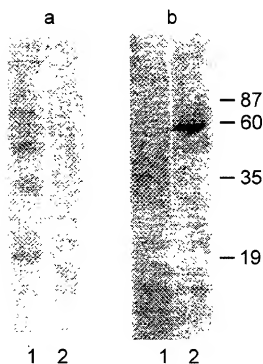


FIG. 4

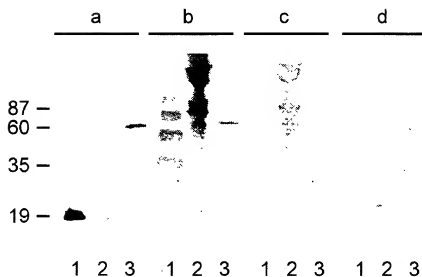


FIG. 5

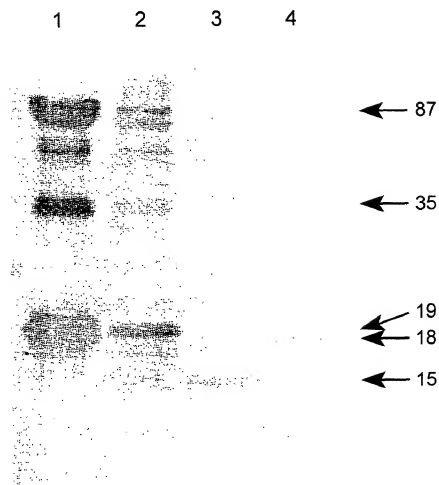


FIG. 6

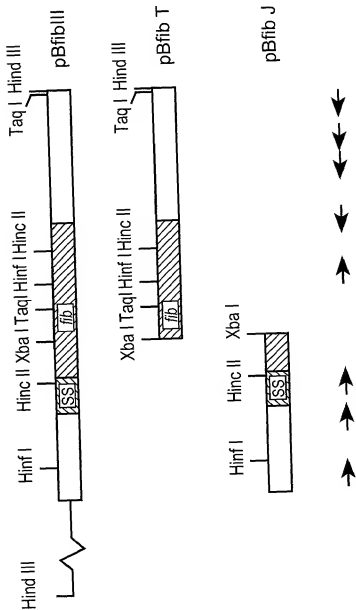


FIG. 7

1 GACTAGTGATAAGTGCTGATGAGTCACAAGATAGATAACTATATTTTGGCTATATTATA 60
-35
61 AAGTGTTTATAGTTAATTAATAATTAGTTAATTTCAAAGTTGTATAAATAGGATAACTT 120
-18 -35
121 AATAAATGTAAAGATAATAATTTGGAGGATAATTAACATGAAAAATAAATTGATAGCAAAA 180
-18 M K N K L I A K
181 TCTTTATTAACAATAGCGGCAATTGGTATTACTACAACATAATTGCGTCAACAGCAGAT 240
S L L T I A A I G I T T T I A S T A D
241 GCGAGCGAAGGATACGGTCCAAGAGAAAAGAACCGTAGTATTAAATCACAATATCGTA 300
A S E G Y G P R E K K P V S I N H N I V
301 GAGTACAATGATGGTACTTTTAAATATCAATCTAGACCAAAATTTAACTCAACACCTAAA 360
E Y N D G T F K Y Q S R P K F N S T P K
361 TATATTAAATCAACATGACTATAATTTTTAGAATTTAACGATGGTACATTGCAATAT 420
Y I K F K H D Y N I L E F N D G T F E Y
421 GGTGCACGTCCACAATTTAATAAACCCAGCAGCGAAAACTGATGCAACTATTTAAAAAGAA 480
G A R P Q F N K P A A K T D A T I K K E
481 CAAAAATTGATTCAAGCTCAAATCTTGTGAGAGAATTTGAAAAACACATACTGTCACT 540
Q K L I Q A Q N L V R E F E K T H T V S
541 GCACACAGAAAAGCAGAAAAGGCAGTCAACTTAGTTTCGTTGAATACAAAGTGAAGAAA 600
A H R K A Q K A V N L V S F E Y K V K K
601 ATGGTCTTACAAGAGCGAATTGATAATGTATTTAAACAAGGATTAGTGAGATAATACTTC 660
M V L Q E R I D N V L K Q G L V R *
661 TGTCATTATTTTAAAGTCCAAATAATTTAATATTATATTATTTTTTATTAATAAACGAC 720
721 TATGCTATTTAATGCCAGGTTAATGTAACCTTCTAAAATTGACTATATAATCGTTAAGT 780
781 ATCAATTTTAAAGGAGAGTTTACAATGAAATTTAAAAATATATTAACAGGAACATTAG 840
M K F K K Y I L T G T L A
841 CATTACTTTTATCATCAACTGGGATAGCAACTAGAAAGGAATAAAGCAGATGCAAGTA 900
L L L S S T G I A T I E G N K A D A S S
901 GTCTGGACAAATATTTAACTGAAAGTCAGTTTCATGATAAACGCATAGCAGAAGAATTAA 960
L D K Y L T E S Q F H D K R I A E E L R
961 GAACTTTACTTAAACAATCGAATGTATATGCATTAGCTGCAGGAAGCTT 1009
T L L N K S N V Y A L A A G S 1

FIG. 8

1 ATAGATAACTATATTTTGTCTATATTATAAAGTGTTTATAGTTAATTAATAATTAGTTAA 60
 1 G CA 60

61 TTTCAAAAGTTGTATAAAATAGGATAACTTAATAAATGTAAGATAATAATTTGGAGGATAA 120
 61 120

121 TTAACATGAAAAATAAATTTGATAGCAAAATCTTTATTAACAATAGCGGAATTGGTATTA 180
 121 G GC T A 180

181 CTACAACTACAATTGCGTCAACAGCAGATGCGAGCGAAGGATACGGTCCAAGAGAAAAGA 240
 181 240

241 AACCAGTGAGTATTAATCACAATATCGTAGAGTACAATGATGGTACTTTTAAATATCAAT 300
 241 300

301 CTAGACCAAAATTTAACTCAACACCTAAATATATTAATCAACATGACTATAATATTT 360
 301 360

361 TAGAATTTAACGATGGTACATTGCAATATGGTGACGTCCACAATTTAATAAACCCAGCAG 420
 361 420

421 CGAAACTGATGCAACTATTA AAAAAGAACAAAATTGATTCAAGCTCAAAATCTTGTA 480
 421 480

481 GAGAATTTGAAAAACACATACTGTGAGTGACACAGAAAAGCACAAAAGGCAGTCAACT 540
 481 540

541 TAGTTTCGTTTGAATACAAAGTGAAGAAAATGGTCTTACAAGAGCGAATTGATAATGTAT 600
 541 600

601 TAAACAAGGATTAGTGAGATAATACTTCTGTCAATTATTTAAGTTCAAAA...TAATT 660
 601 T A A AA C GC G T TC GG TAAT 660

661 TAATATTATATATTTTTTATTAATAAAACGACTATGCTATTTAATGCCAGGTTAATGTA 720
 661 A G G A G G AA G AT A 720

721 ACTTTCCTAAAATTGACTATATAATCGTTAAGTATCAATTTTAAGGAGAGTTTACAATGA 780
 721 T G G C AG C T 780

781 AATTT 785
 781 785

FIG. 9

1 MKNKLIASLLTIAAIGITTTTIASTADASEGYGPREKKPVSINHNIVEYNDGTFKYQSR 60
1 A L 60

61 PKFNSTPKYIKFKHDYNILEFNDGTFEYGARPQFNKPAAKTDATIKKEQKLIQAQNLVRE 120
61 120

121 FEKTHTVSAHRKAQKAVNLVSFEYKVKKMVLQERIDNVLKQGLVR 165
121 K 165

FIG. 10

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Fbg-bp, strain Newman:

SEGYGPR

EKKPVSINH
 KYIKFKHDY

NIVEYNDGSFK YQSRPKFNSTP
 NILEFNDGTFE YGARPTQFNKPA

AKTDAITIKKEQLIQANLVREFEKTHTVSAHRKAQKAVNLVSFEYKKKMKVLQERIDNVLKQGLVR

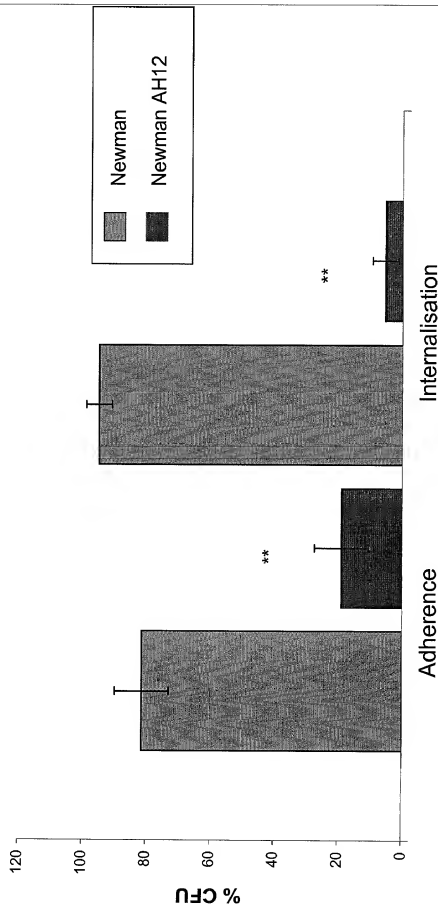
Coagulase, strain 8325-4:

(C-terminal fragment)

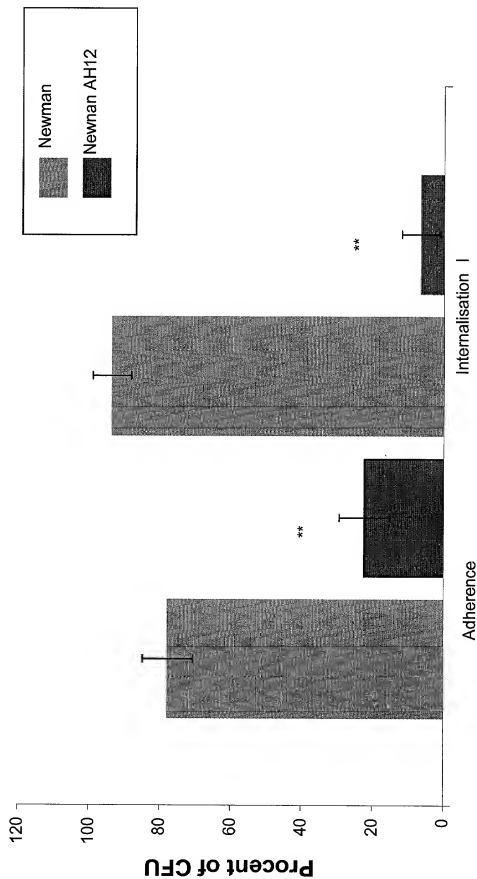
KYVKYRDAGT	ASQ	YGPRPQFNKTP
ETNAY	GIREYNDGTFG	YEAPRPFNKPS
ETNAY	NVTTHANGQVS	YGARPTYKKPS
KTNAY	NVTTHANGQVS	YGARPTQNKPS
KTNAY	NVTTHGNGQVS	YGARQAQNKPS
KTNAY	NVTTHANGQVS	YGARPTYKKPS
KTNAY	NVTTHADGTAAT	YGPRVTK

FIG. 11

Adherence and Internalisation to fibroblasts by Newman and Newman AH12 (Eap::Ery^R) O.N culture



Adherence and Internalization into epithelial cells of Newman and Newman AH12 (Eap::Ery^R), O.N culture



102230*4618660

Adherence and Internalisation to epithelial cells by a 2 hours culture of Newman and Newman AH12 (Eap::Ery^R)

APPL. FILING DATE: AUGUST 27, 2001
 TITLE: FIBRINOGEN BINDING PROTEIN
 INVENTOR(S): RODEN WASTFELT & FLOCK
 APPLICATION SERIAL NO: 012889-086
 SHEET 13 of 14

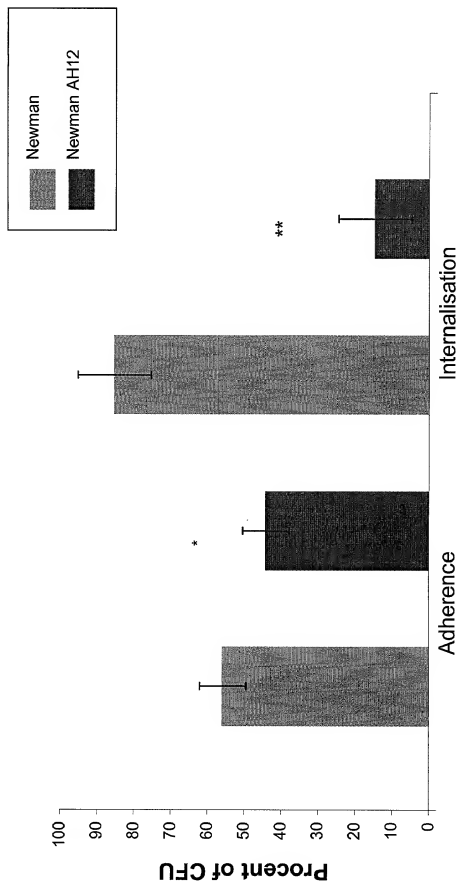


FIG. 14

Internalisation to fibroblasts by strain Newman in the presence or absence of Eap-AB

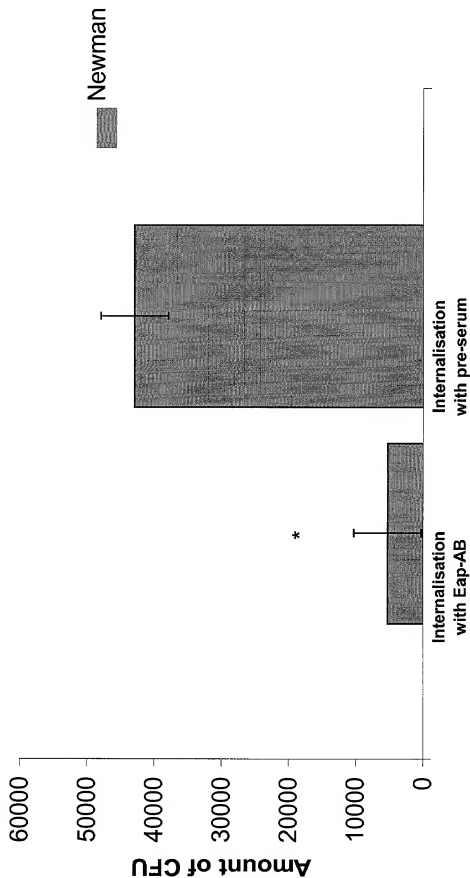


FIG. 15